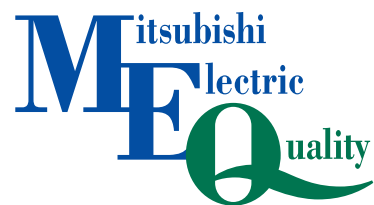


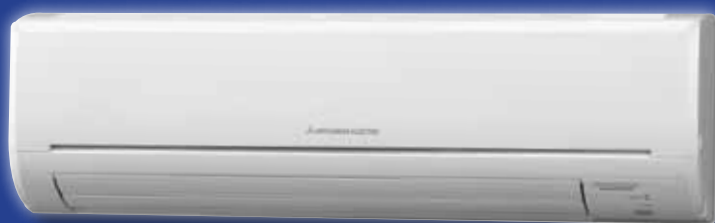


AIR CONDITIONING SYSTEMS

*Changes for the Better*



**Quality that brings  
comfort to life!**



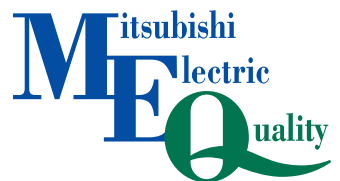
# Mitsubishi Electric – Quality that brings comfort to life!

Are you looking for an energy efficient system that provides warm, even heat in winter and cool comfort in summer? The answer lies in reverse cycle air conditioning from Mitsubishi Electric.

Mitsubishi Electric has a model for you. Stylish lines for the living room, quiet operation, for the bedroom. Designed for comfort, durability, health and efficiency, advanced air control from room to room. Mitsubishi Electric – quality that brings comfort to life.

**Higher performance, lower power consumption and longer life.**

When it comes to comfort, efficiency and durability, Mitsubishi Electric has a distinct advantage over the opposition, we call it MEQ – Mitsubishi Electric Quality. Simply put it is a superior standard that we apply to our own business. While other systems may meet stringent industry standards, Mitsubishi Electric continually strives to exceed them. MEQ delivers air conditioning systems at the leading edge of technology that operate efficiently in extreme weather conditions, year in, year out.



MEQ gives us 3 important advantages:

**Comfort:** We have created products that are designed to provide you with exceptional comfort in your surroundings, in all weather conditions.

**Efficiency:** We strive for the perfect balance of performance, reliability, low power consumption and a long operational life span for all our products. The result is an air conditioning range that is rated amongst the best in the industry in terms of design, quality and energy efficiency.

**Durability:** We subject the indoor and outdoor units of all our systems to rigorous durability testing, which includes harsher temperature extremes than are likely to be found anywhere in the world. This allows us to produce higher quality products that protect your investment through years of reliable service.





# The Mitsubishi Electric Story.

**Our commitment to quality, service, research and development has helped us gain a leading position in today's marketplace.**

Mitsubishi Electric have a proud history in the manufacturing and supply of leading edge electrical and electronic equipment for both domestic and commercial use. Our efforts to make indoor life more comfortable began in 1921, with the introduction of our first electric fan which became an instant hit. Some 10 years later we began to manufacture coolers, which were just as popular.

Since then our understanding that technology is the driving factor of change in our lives has seen us become a world leader in energy efficient air conditioning systems. However our development of breakthrough technologies and products is not just restricted to heating and cooling.

Since 1980 to the present day the pace at which Mitsubishi Electric has introduced and refined products that benefit society, industry and individuals, has been nothing less than astonishing.

These technologies include the world's first large scale LED Screen for sports arenas, the world's largest CRT

television screen for the consumer market, the world's first spiral escalator, the world's fastest elevators, the antenna technology behind the world's first in-flight internet service, solar cell technology and much more. Today Mitsubishi Electric is a global giant with operations in over 35 countries, with more than 97,000 employees.

Our commitment to quality service, research and development has helped us gain a leading position in today's marketplace in a wide variety of areas including heating, cooling and air conditioning. Mitsubishi Electric's '*today technology*' provides climate controlled comfort wherever you live, work and relax.

Whether it's consistent heating and cooling for the home or office, Mitsubishi Electric offers you state-of-the-art technology that is quiet, simple to use, reliable and above all, energy efficient.





# What features do you need to look for?

## MITSUBISHI ELECTRIC GIVES YOU THE EDGE!

### Energy Saving

Less consumption, more efficiency and extra comfort – the ideal solution

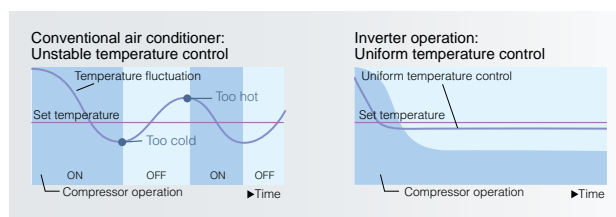
#### INVERTER TECHNOLOGY FOR EVEN MORE ENERGY SAVINGS



Mitsubishi Electric's Advanced Technology Inverter Systems are more economical and efficient than conventional systems.

Conventional non-inverter systems run at a fixed speed. To maintain a set temperature the compressor switches on/off so room temperatures continually fluctuate, falling, rising and falling again.

To overcome this problem Mitsubishi Electric's advanced inverter technology gently increases or decreases power to suit the prevailing conditions reaching the desired temperature quicker, more efficiently without severe temperature fluctuations.



The resulting reduction in electricity consumption by our energy saving technology not only saves you money but also reduces your carbon footprint on the environment.

Mitsubishi Electric's Outdoor Inverter units have been aesthetically designed to minimise their visual impact on your environment.

Each contains a number of innovative features that makes them quieter, more energy efficient and reliable, placing them at the cutting edge in the industry.

#### "i save" Mode



"i save" is a simplified setting function that recalls a preferred (preset) temperature by pressing a single button on the remote controller. Press the same button twice to immediately return to the previous temperature setting. Using this function contributes to energy savings when, for example, leaving the room or going to bed.

\* Temperature can be preset to 10°C when heating in the "i save" mode (except when connected to MXZ-8A140VA).



#### I-SEE SENSOR



The "i-see Sensor" automatically moves from side to side, searching the floor temperature over a wide area of 150°.

Conventional air conditioners control indoor temperature by using only the temperature of the intake air at the top of the room. As a result, the floor level temperature, which has a big impact on the temperature that people feel, tends to be overlooked. The "i-see Sensor" detects the floor temperatures to ensure ongoing comfort in the living areas.

#### New Remote Controller

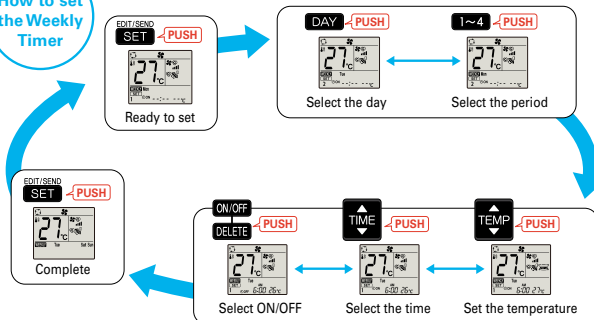
MSZ-GE 60/71/80 Series air conditioners are equipped with a new weekly timer function. Now you can easily set desired temperatures and operation start/stop times to match lifestyle patterns. Reduce wasted energy consumption by using the timer to prevent forgetting to turn off the unit and eliminate temperature setting adjustments.

##### Easy set-up using dedicated buttons

The remote controller is equipped with buttons that are used exclusively for setting the Weekly Timer. Setting operation patterns is easy and quick.



##### How to set the Weekly Timer



#### "Econo Cool" Energy-Saving Feature

This intelligent temperature control feature – that adjusts airflow direction to the body depending on air outlet temperature – allows set temperatures to be raised by 2 degrees without any loss in comfort for a 20% gain in energy efficiency.



\* Available only during manual cooling operation.

	Conventional	Econo Cool
Ambient temperature	35°C	35°C
Set temperature	25°C	27°C
Perceived temperature	30°C	29.3°C

#### Quick Clean



The easily detachable front panel is a snap to wash, and the airflow vents can be opened without any special tools for quick cleaning inside the air conditioner. It is recommended that the air conditioner be cleaned regularly, to increase operating efficiency and energy savings.



The inner fan is placed within easy reach, for regular cleaning.

# Clean, comforting air

## A fresh and healthy ambience is always yours to enjoy

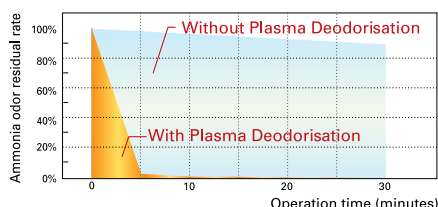
### Plasma Deodorizing Filter

(MSZ-FB Series)



The newly equipped "Plasma Deodorising Filter" provides state-of-the-art deodorisation-decomposition and elimination of harmful chemical substances at the nanolevel (1/1,000,000) of a millimetre). The key to high power deodorisation of the most unpleasant odours\*<sup>1</sup> in daily life is the elimination of ammonia, methyl mercaptan, trimethylamine and hydrogen sulphide.

#### Plasma Deodorization's Effect on Ammonia



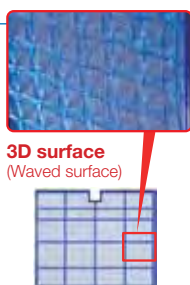
Only **2.2wh** consumed  
\*1.1wh each for Plasma Deodorization and Plasma Air Purification.

\*<sup>1</sup> Not all odour components generated on a continuous basis (building material odours, pet odours) can be removed.

### Nano Platinum Filter (MSZ-GE60/71/80)

Nano Platinum

This filter incorporates nano-sized platinum-ceramic particles that generate stable antibacterial and deodorising effects. The size of the three-dimensional surface has been increased as well, enlarging the filter capture area. These features give the Nano Platinum Filter of the MSZ-GE60/71/80 models better dust collection performance than conventional filters. The superior air-cleaning effectiveness increases room comfort yet another level.



\*It is okay to wash the filter with water (air-cleaning effect is maintained)

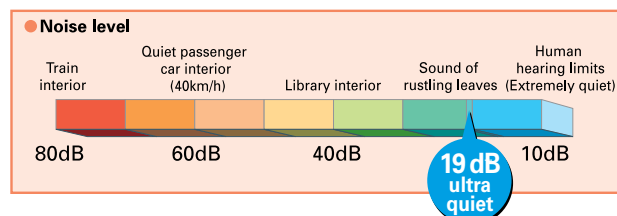
# Quiet operation

## Hard at work and yet so quiet

### Ultra Quiet Operation

Only **19dB**

Mitsubishi Electric has a long standing reputation for offering some of the quietest models in the industry. The new MSZ-GE range is no exception. The MSZ-GE25/35 is ultra quiet at only 19 dB(A) in Low Fan Speed and capable of maximum output. You want to feel the warmth, not hear it!



Sufferers from asthma, hay fever and other allergies will benefit greatly from our deluxe inverter *plasma duo* wall mounted models which feature state-of-art filtration

### Plasma Air-Purifying Filter

(MSZ-FB Series)

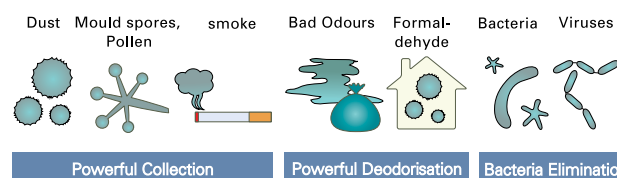


Armed with the "Plasma Air Purifying Filter", which has already built up a solid reputation in Japan, the pollutants in your room air are removed more thoroughly than ever before. Besides collecting fine house dust, pollen and other annoying substances, this filter also provides disinfecting and anti-virus effects.\*<sup>2</sup> Negative ions, with their soothing and relaxing effects, are also generated.

\*<sup>2</sup> Source: KRCEs-Bio study Report No. 16 00865 (November 22, 2004)



removes various things



### Anti-Allergy Enzyme Filter

(MSZ-GE60/71/80VA/MSZ-KA Series)

Anti-Allergy Enzyme

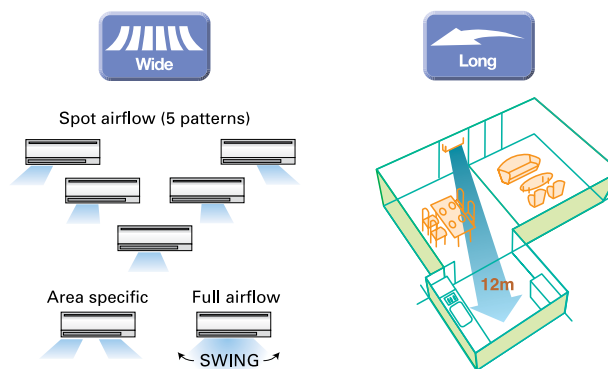
To counter allergens, we have added filters featuring artificial blue enzymes with the power to remove harmful microbes such as bacteria\*<sup>1</sup>, virus, dust mites, pollen, etc. The enzymes destroy any germs caught in the filter, preventing them from working their way further inside the air conditioner. However, being artificial enzymes, they prevent allergies whilst remaining gentle to humans.



\*<sup>1</sup> Confirmed by the Japan Spinners Inspecting Foundation.  
Test numbers JSIF-029220-1/JSIF-029220-2.

### Wide and Long Air Flow

The wide and long air flow mode allows airflow direction to be adjusted, ensuring every corner of the room is comfortable. The mode is simply activated at the touch of a button on your remote controller. The long mode extends air flow to reach even the furthest point of large living rooms or enables kitchens to be reached in an open plan environment. This mode is available on our larger capacity models MSZ-GE60, MSZ-GE71/MSZ-GE80.



# Product range

## Wall Mounted

### Deluxe Wall-mounted - Reverse Cycle MSZ-FB Series



Star Rating

2.5kW	3.5kW	5.0kW
✓	✓	✓

#### DELUXE INVERTER

- Compact flat panel design
- Ultra quiet operation 20dB(A)\*<sup>1</sup>
- Energy saving "i-see" temperature sensor
- Long life washable plasma deodorising filter
- Long life washable plasma air purifying filter
- Self cleaning "Ozone Shower"
- Quick clean design
- Energy-saving "Econo Cool"
- Auto change over
- Wireless remote controller with 24 hour timer
- **Optional wired controller includes a 7 Day Timer**

\*<sup>1</sup> MSZ-FB25

### Wall-mounted - Reverse Cycle MSZ-GE Series

Star Rating

2.5kW	3.5kW	4.2kW	5.0kW	6.0kW	7.1kW	8.0kW
✓	✓	✓	✓	✓	✓	✓

**NEW**



MSZ-GE25/35/50VA



MSZ-GE60/71/80VA

#### INVERTER

- New panel design
- Ultra quiet operation at 19dB(A)\*<sup>2</sup>
- Energy-saving "Econo Cool"
- Wide and long air flow\*<sup>3</sup>
- Nano Platinum Filter\*<sup>3</sup>
- "i save" mode
- Powerful Mode\*<sup>3</sup>
- Quick-clean design
- Wireless remote controller with 24 hour timer or optional wired controller\*<sup>4</sup>
- **New remote controller with inbuilt 7 Day Timer\*<sup>3</sup>**

\*<sup>2</sup> MSZ-GE25/35

\*<sup>3</sup> MSZ-GE60/71/80

\*<sup>4</sup> MSZ-GE25/35/50

## Compact Console

### Compact Wall-mounted Console - Reverse Cycle MFZ-KA Series



Star Rating

2.5kW	3.5kW	5.0kW
✓	✓	✓

#### INVERTER

- Slim line and compact design
- Quiet operation: 22dB(A)\*<sup>6</sup>
- "i-save" mode for preferred setting
- Catechin filter
- Anti-allergy enzyme filter
- Energy-saving "Econo Cool"
- Swing and auto modes
- Auto change over
- Wireless remote controller with 24 hour timer
- **Optional wired controller includes a 7 Day Timer**

\*<sup>6</sup> MSZ-KA25

## Ceiling Cassette/Bulkhead

### Compact Ceiling Cassette - Reverse Cycle SLZ-KA Series



#### INVERTER

- Compact flat panel design
- Light weight design
- Long-life filter
- Fresh air intake
- Smudge-free airflow
- Auto change over

Star Rating	2.0	2.0	1.5	2.0	1.0	1.5
	2.5kW	3.5kW	5.0kW			
	✓	✓	✓			

- Auto vane
- Wireless controller, 12 hour timer  
OR  
Wired controller, includes 7 day timer

### Compact Bulkhead - Reverse Cycle SEZ-KD VA Series














































































































































#### INVERTER

- Compact Design now 200mm high
- Long-life filter
- Air cleaning filter
- Auto change over

2.5kW	3.5kW	5.0kW	6.0kW	7.1kW
✓	✓	✓	✓	✓

- Wireless controller, 12 hour timer  
OR  
Wired controller, includes 7 day timer

## Multi Series (Inverter Heat Pump)

	Wall-mounted											Floor-standing	Ceiling-concealed							Ceiling-cassette					Ceiling-suspended			
													 							 								
	MSZ-F			MSZ-GE								MFZ			SEZ					PEA	SLZ			PLA		PCA		
	25	35	50	22	25	35	42	50	60	71	80	25	35	50	25	35	50	60	71	71	25	35	50	60	71	50	60	71
up to 2 indoor units MXZ-2B52VA 5.2kW																												
up to 3 indoor units MXZ-3B54VA 5.4kW																												
up to 4 indoor units MXZ-4B71VA 7.1kW																												
up to 4 indoor units MXZ-4B80VA 8.0kW																												
up to 5 indoor units MXZ-5B100VA 10.0kW																												
up to 6 indoor units MXZ-6C120VA 12kW																												

MXZ-B Series supercedes the current MXZ-A Series. When ordering please check stock availability.



# MSZ-FB Series

## Deluxe wall mounted

### INDOOR UNIT



### OUTDOOR UNIT



Plasma Duo  
Filter Systems

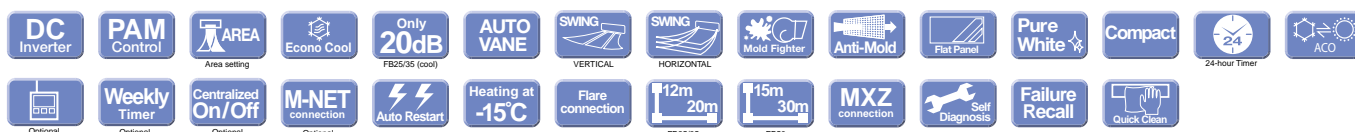
i-see Sensor

R410A

HEAT PUMP

DC Inverter

QUICK CLEAN



### Wall Mounted Type Specifications

Type			Inverter Heat Pump (R410A)		
Model Name			MSZ-FB25VA	MSZ-FB35VA	MSZ-FB50VA
Indoor Unit			MSZ-FB25VA	MSZ-FB35VA	MSZ-FB50VA
Outdoor Unit			MUZ-FB25VA	MUZ-FB35VA	MUZ-FB50VA
Power Supply [V, Phase, Hz]			230V, Single, 50Hz, Powered by Outdoor unit		
Cooling	Capacity [Min.-Rated-Max.]	kW	1.1 - 2.5 - 3.5	1.1 - 3.5 - 4.1	0.9 - 5.0 - 5.8
	Total Input [Min.-Rated-Max.]	kW	0.260 - 0.525 - 0.970	0.260 - 0.890 - 1.120	0.26 - 1.60 - 2.45
	Rated EER		4.76	3.93	3.13
	Star Rating		4.5	3.0	1.5
	Running Current [Rated]	A	2.6	4.1	7.1
	Sound Pressure Level†	IN [Lo-Med-Hi-SH*] dB(A)	20 - 29 - 36 - 42	20 - 29 - 36 - 43	29 - 39 - 45 - 52
		OUT at 1m (PWL) dB(A)	46 (59)	47 (60)	54 (67)
Heating	Air Volume (IN) [Lo-SH*]	l/s	77 - 187		105 - 247
	Capacity [Min.-Rated-Max.]	kW	1.5 - 3.2 - 5.5	1.5 - 4.0 - 6.0	0.9 - 6.0 - 7.8
	Total Input [Min.-Rated-Max.]	kW	0.480 - 0.665 - 1.900	0.480 - 0.900 - 1.900	0.48 - 1.64 - 2.95
	Rated COP		4.89	4.44	3.66
	Star Rating		5.0	4.0	2.5
	Running Current [Rated]	A	3.1	4.1	7.3
	Sound Pressure Level†	IN [Lo-Med-Hi-SH*] dB(A)	20 - 29 - 36 - 43	21 - 29 - 36 - 44	27 - 37 - 43 - 50
Indoor		OUT at 1m (PWL) dB(A)	46 (59)	50 (63)	56 (69)
	Air Volume (IN) [Lo-SH*]	l/s	75 - 202	78 - 208	92 - 247
	Starting Current	A	3.1	4.1	7.3
	Max. Running Current	A	10	10	16
	Input [Rated] Cooling/Heating	W	25 / 30	27 / 32	60 / 60
	Dimensions [HxWxD]	mm	295 x 798 x 257		60 / 60
	Weight	kg	12		
Outdoor	Dimensions [HxWxD]	mm	550 x 800 x 285		850 x 840 x 330
	Weight	kg	36		55
	Breaker Size	A	10		16
Ext. Piping	Diameter (Gas/Liquid)	mm	9.52 / 6.35		12.7 / 6.35
	Max. Length/Height	m	20 / 12		30 / 15
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ 46		
	Heating	°C	-15 ~ 24		

\*SH = Super High

†Indoor sound pressure level generally measured at 1.5 metres. For exact details see Technical Data Manual.



# MSZ-GE Series

## Wall mounted

### INDOOR UNIT



MSZ-GE/25/35/50+



MSZ-GE60/71/80



REMOTE CONTROLLER

### OUTDOOR UNIT



MXZ-6C120VA



MUZ-GE60/71/80 / MUZ-GE50VA



MUZ-GE25/35VA



OPTIONAL WIRED CONTROLLERS



HEAT PUMP



### Wall Mounted Type Specifications

Type			Inverter Heat Pump (R410A)							
Model Name			MSZ-GE25VA	MSZ-GE35VA	MSZ-GE42VA	MSZ-GE50VA	MSZ-GE60VA	MSZ-GE71VA	MSZ-GE80VA	
Indoor Unit			MSZ-GE25VA	MSZ-GE35VA	MSZ-GE42VA	MSZ-GE50VA	MSZ-GE60VA	MSZ-GE71VA	MSZ-GE80VA	
Outdoor Unit			MUZ-GE25VA	MUZ-GE35VA	MUZ-GE42VA	MUZ-GE50VA	MUZ-GE60VA	MUZ-GE71VA	MUZ-GE80VA	
Power Supply [V, phase, Hz]			230V, Single, 50Hz, Power by Outdoor unit							
Cooling	Capacity	Rated	kW	2.5	3.5	4.2	5.0	6.0	7.1	8.0
		Min. - Max.	kW	1.1 - 3.5	1.4 - 3.9	0.9 - 4.8	1.4 - 5.4	1.5 - 7.5	2.4 - 8.7	2.4 - 9.2
	Total Input [Min.-Rated-Max.]		kW	0.205 - 0.560 - 1.145	0.320 - 1.010 - 1.560	0.160 - 1.260 - 1.940	0.320 - 1.640 - 2.060	0.280 - 1.760 - 2.380	0.570 - 2.130 - 3.370	0.570 - 2.560 - 3.580
	Rated EER			4.46	3.47	3.33	3.05	3.40	3.33	3.12
		Star Rating		4.0	2.0	2.0	1.5	2.0	2.0	1.5
	Running Current [Rated]		A	2.9	4.7	5.8	7.4	7.8	9.4	11.3
	Sound Pressure Level†	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	dB(A)	19 - 21 - 29 - 36 - 42	19 - 22 - 30 - 36 - 43	26 - 30 - 35 - 40 - 46	28 - 33 - 38 - 44 - 49	29-37-41-45-49	30-37-41-45-49	30-37-41-45-49
		Outdoor at 1m (PWL)	dB(A)	46 (58)	47 (61)	50 (62)	54 (69)	55 (69)	55 (69)	55 (69)
	Air Volume	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	L/S	68 - 80 - 111 - 152 - 188	68 - 80 - 111 - 152 - 212	97-113 -143 -173 - 213	108 -130 -160 -198 - 252	163-190-225-262-305	162-192-222-257-298	162-192-222-257-298
		Outdoor Unit [Rated]	L/S	543	612	605	817	682	835	920
Heating	Capacity	Rated	kW	3.2	4.0	5.4	5.8	6.8	8.1	9.0
		Min. - Max.	kW	1.3 - 4.5	1.4 - 4.8	1.4 - 6.0	1.4 - 7.2	2.0 - 9.3	2.2 - 9.9	2.2 - 11.1
	Total Input [Min.-Rated-Max.]		kW	0.255 - 0.730 - 1.200	0.340 - 1.030 - 1.550	0.270 - 1.540 - 2.040	0.320 - 1.650 - 2.490	0.460 - 1.770 - 2.940	0.520 - 2.110 - 3.250	0.520 - 2.540 - 3.650
	COP			4.38	3.88	3.51	3.52	3.84	3.83	3.54
		Star Rating		4.0	3.0	2.5	2.5	3.0	2.5	2.5
	Running Current [Rated]		A	3.8	4.8	7.0	7.4	7.8	9.5	11.2
	Sound Pressure Level†	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	dB(A)	19 - 21 - 29 - 36 - 42	19 - 22 - 30 - 36 - 43	26 - 30 - 35 - 40 - 46	28 - 33 - 37 - 43 - 48	29-37-41-45-49	30-37-41-45-49	30-37-41-45-49
		Outdoor at 1m (PWL)	dB(A)	48 (59)	48 (62)	51 (64)	56 (69)	55 (69)	55 (69)	55 (69)
	Air Volume	Indoor Unit [Quiet-Low-Mid-Hi-SH*]	L/S	68 - 80 - 110 - 152 - 192	68 - 80 - 111 - 152 - 192	97-117-143 -173 - 218	108 -130 -160 -203 - 242	163-190-225-262-305	170-192-222-257-298	170-192-222-257-298
		Outdoor Unit [Rated]	L/S	578	578	580	817	820	803	803
Operating Current (max.)				7.4	8.6	10.0	13.0	14.5	16.6	16.6
Indoor Unit	Input	Rated	kW	0.022	0.029	0.029 / 0.030	0.043	0.061	0.065	0.065
	Operating Current (max.)		A	0.4	0.4	0.4	0.5	0.52	0.55	0.55
	Dimensions	H - W - D	mm	295 - 798 - 232	295 - 798 - 232	295 - 798 - 232	295 - 798 - 232	325 - 1100 - 238	325 - 1100 - 238	325 - 1100 - 238
	Weight		kg	10	10	10	10	16	16	16
Outdoor Unit	Dimensions	H - W - D	mm	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	850 - 840 - 330	880 - 840 - 330	880 - 840 - 330	880 - 840 - 330
	Weight		kg	30	30	36	54	50	53	53
	Operating Current (max.)		A	7.0	8.2	9.6	12.5	7.46	8.95	10.75
	Breaker Size		A	10	10	10	16	20	20	20
Ext. Piping	Diameter	Liquid (φ) / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length		m	20	20	20	30	30	30	30
	Max. Height		m	12	12	12	15	15	15	15
Guaranteed Operating Range [Outdoor]			Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46
			Heating	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

\*SH = Super High

†Indoor sound pressure level generally measured at 1.5 metres. For exact details see Technical Data Manual.

# MFZ Series

## Compact console

### INDOOR UNIT



REMOTE  
CONTROLLER

### OUTDOOR UNIT



MXZ-6C120VA



SUZ-KA50VA2



SUZ-KA25/35/VA2



OPTIONAL WIRED  
CONTROLLERS

R410A

HEAT PUMP

DC  
Inverter



### Console Type Specifications

Type			Inverter Heat Pump (R410A)		
Model Name			MFZ-KA25VA	MFZ-KA35VA	MFZ-KA50VA
Indoor Unit			MFZ-KA25VA	MFZ-KA35VA	MFZ-KA50VA
Outdoor Unit			SUZ-KA25VA2	SUZ-KA35VA2	SUZ-KA50VA2
Power Supply [V, Phase, Hz]			230V, Single, 50Hz, Outdoor unit power supply		
Cooling	Capacity [Min. - Rated - Max.]	kW	0.9 - 2.5 - 3.4	0.9 - 3.5 - 3.9	0.9 - 4.8 - 5.4
	Total Input [Min. - Rated - Max.]	kW	0.19 - 0.58 - 0.94	0.19 - 1.09 - 1.25	0.19 - 1.55 - 1.98
	Rated EER		4.31	3.33	3.10
	Star Rating		3.0	2.0	1.5
	Running Current [Rated]	A	2.8	5.0	7.0
	Sound Pressure Level†	IN [Lo - Med - Hi - SH*] dB(A)	22 - 27 - 32 - 37	23 - 28 - 33 - 38	32 - 35 - 39 - 43
		OUT at 1m (PWL) dB(A)	46 (59)	47 (61)	53 (68)
	Air Volume (IN) [Lo - SH]	ℓ/S	80 - 145	83 - 152	118 - 178
Heating	Capacity [Min. - Rated - Max.]	kW	0.9 - 3.4 - 5.1	0.9 - 4.0 - 6.2	0.9 - 6.0 - 7.9
	Total Input [Min. - Rated - Max.]	kW	0.19 - 0.835 - 1.91	0.19 - 1.10 - 2.24	0.19 - 1.86 - 2.81
	Rated COP		4.07	3.64	3.23
	Star Rating		3.0	2.5	2.0
	Running Current [Rated]	A	4.0	5.0	8.5
	Sound Pressure Level†	IN [Lo - Med - Hi - SH*] dB(A)	22 - 27 - 32 - 37	25 - 28 - 33 - 38	32 - 35 - 39 - 44
		OUT at 1m (PWL) dB(A)	46 (59)	48 (61)	55 (68)
	Air Volume (IN) [Lo - SH*]	ℓ/S	83 - 152	87 - 158	123 - 197
Starting Current		A	4.0	5.0	8.5
Max. Running Current		A	6.4	9.4	16.2
Indoor	Input [Rated]	W	25	25	25
	Dimensions [H x W x D]	mm	600 x 700 x 200	600 x 700 x 200	600 x 700 x 200
	Weight	kg	14	14	14
Outdoor	Dimensions [H x W x D]	mm	550 x 800 x 285	550 x 800 x 285	850 x 840 x 330
	Weight	kg	33	37	53
	Breaker Size	A	10	10	10
Ext. Piping	Diameter (Gas / Liquid)	mm	9.52 / 6.35	9.52 / 6.35	12.7 / 6.35
	Max. Length / Height	m	20 / 12	20 / 12	30 / 15
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ 46	-10 ~ 46	-10 ~ 43
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24

\*SH = Super High

†Indoor sound pressure level generally measured at 1.5 metres. For exact details see Technical Data Manual.

# SLZ-KA Series

## Compact ceiling cassette

INDOOR UNIT



OUTDOOR UNIT



MXZ-6C120VA



SUZ-KA50VA2



SUZ-KA25/35/VA2

OPTIONAL  
CONTROLLERS



WIRED



OR WIRELESS



HEAT PUMP



### 4way Cassette Type Specifications

Type			Inverter Heat Pump (R410A)		
Model Name			SLZ-KA25VA	SLZ-KA35VA	SLZ-KA50VA
Indoor Unit			SLZ-KA25VA(L)*	SLZ-KA35VA(L)*	SLZ-KA50VA(L)*
Outdoor Unit			SUZ-KA25VA2	SUZ-KA35VA2	SUZ-KA50VA2
Power Supply [V, Phase, Hz]			230V, Single, 50Hz, Outdoor unit power supply		
Cooling	Capacity [Min. - Rated - Max.]	kW	0.9 - 2.5 - 3.2	1.0 - 3.5 - 3.9	1.1 - 4.6 - 5.2
	Total Input [Min. - Rated - Max.]	kW	0.25 - 0.68 - 1.00	0.27 - 1.04 - 1.33	0.49 - 1.53 - 2.13
	Rated EER		3.68	3.37	3.01
	Star Rating		2.0	1.5	1.0
	Running Current [Rated]	A	3.70	5.00	6.90
	Sound Pressure Level	IN [Lo - Med - Hi] dB(A)	28 - 31 - 37	29 - 33 - 38	30 - 34 - 39
		OUT at 1m (PWL) dB(A)	46 (59)	47 (60)	53 (68)
	Air Volume (IN) [Lo - Mid - Hi]	ℓ/S	133 - 150 - 167	133 - 150 - 183	133 - 150 - 183
Heating	Capacity [Min. - Rated - Max.]	kW	0.9 - 3.0 - 4.5	0.9 - 4.0 - 5.0	0.9 - 5.0 - 6.5
	Total Input [Min. - Rated - Max.]	kW	0.17 - 0.85 - 1.36	0.25 - 1.09 - 1.46	0.39 - 1.55 - 3.36
	Rated COP		3.76	3.67	3.22
	Star Rating		2.0	2.0	1.5
	Running Current [Rated]	A	4.30	5.1	7.10
	Sound Pressure Level	IN [Lo - Med - Hi] dB(A)	28 - 31 - 37	29 - 33 - 38	30 - 34 - 39
		OUT at 1m (PWL) dB(A)	46 (59)	48 (61)	55 (68)
	Air Volume (IN) [Lo - Mid - Hi]	ℓ/S	133 - 150 - 167	133 - 150 - 183	133 - 150 - 183
Starting Current		A	3.65	4.75	6.75
Max. Running Current		A	8.16	9.18	16
Indoor	Input [Rated]	W	75	85	85
	Dimensions [H x W x D]	mm	208 x 570 x 570	208 x 570 x 570	208 x 570 x 570
	Panel	mm	20 x 650 x 650	20 x 650 x 650	20 x 650 x 650
	Weight (Panel)	kg	16.5 (3)	16.5 (3)	16.5 (3)
Outdoor	Dimensions [H x W x D]	mm	550 x 800 x 285	550 x 800 x 285	850 x 840 x 330
	Weight	kg	33	37	53
	Breaker Size	A	10	10	20
Ext. Piping	Diameter (Gas / Liquid)	mm	9.52 / 6.35	9.52 / 6.35	12.7 / 6.35
	Max. Length / Height	m	20 / 12	20 / 12	30 / 30
Guaranteed Operating Range	Cooling	°C	-10 ~ 46	-10 ~ 46	-10 ~ 43
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24

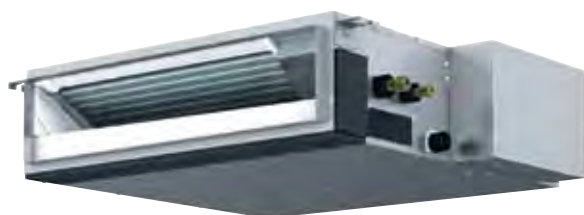
\* SLZ-KA VAL is with a wireless remote controller.



# SEZ-KD Series

## Compact Bulkhead

INDOOR UNIT



OUTDOOR UNIT



### Bulkhead Type Specifications

Type			Inverter Heat Pump (R410A)					
Model Name			SEZ-KD25VA	SEZ-KD35VA	SEZ-KD50VA	SEZ-KD60VA	SEZ-KD71VA	
Indoor Unit			SEZ-KD25VA(L)*	SEZ-KD35VA(L)*	SEZ-KD50VA(L)*	SEZ-KD60VA(L)*	SEZ-KD71VA(L)*	
Outdoor Unit			SUZ-KA25VA2	SUZ-KA35VA2	SUZ-KA50VA2	SUZ-KA60VA2	SUZ-KA71VA2	
Power Supply [V, Phase, Hz]			230V, Single, 50Hz, Outdoor unit power supply					
Cooling	Capacity [Min. - Rated - Max.]		kW	0.9 - 2.5 - 3.2	1.0 - 3.5 - 3.9	1.1 - 5.0 - 5.6	1.1 - 5.5 - 6.3	0.9 - 7.1 - 8.3
	Total Input [Min. - Rated - Max.]		kW	0.24 - 0.75 - 1.07	0.26 - 1.09 - 1.35	0.51 - 1.64 - 2.33	0.50 - 1.86 - 2.52	0.77 - 2.36 - 3.72
	Rated EER			3.33	3.39	3.11	3.01	3.01
	Running Current [Rated]		A	3.90	5.10	7.40	8.30	10.60
	Sound Pressure Level†	IN [Lo - Med - Hi]	dB(A)	23 - 26 - 30	23 - 28 - 33	30 - 34 - 37	30 - 34 - 38	30 - 35 - 40
		OUT at 1m (PWL)	dB(A)	46 (59)	47 (60)	53 (68)		
Air Volume (IN) [Lo - Mid - Hi]			ℓ/S	92 - 117 - 150	117 - 150 - 183	167 - 208 - 250	200 - 250 - 300	200 - 267 - 333
Heating	Capacity [Min. - Rated - Max.]		kW	0.9 - 3.0 - 4.5	0.9 - 4.0 - 5.0	1.1 - 6.0 - 7.2	0.9 - 7.0 - 8.0	0.9 - 8.1 - 10.4
	Total Input [Min. - Rated - Max.]		kW	0.26 - 0.83 - 1.35	0.24 - 1.13 - 1.52	0.47 - 1.81 - 3.45	0.32 - 2.11 - 2.69	0.64 - 2.18 - 3.67
	Rated COP			3.61	3.72	3.54	3.51	3.72
	Running Current [Rated]		A	4.20	5.20	8.10	9.40	9.70
	Sound Pressure Level†	IN [Lo - Med - Hi]	dB(A)	23 - 26 - 30	23 - 28 - 33	30 - 34 - 37	30 - 34 - 38	30 - 35 - 40
		OUT at 1m (PWL)	dB(A)	46 (59)	48 (61)	55 (68)		
Air Volume (IN) [Lo - Mid - Hi]			ℓ/S	92 - 117 - 150	117 - 150 - 183	167 - 208 - 250	200 - 250 - 300	200 - 267 - 333
Starting Current			A	3.95	5.10	8.30	9.20	11.05
Max. Running Current			A	8.59	9.69	16.7	16.7	16.93
Indoor	Input [Rated]		W	40	50	70		100
	Dimensions [H x W x D]		mm	200 x 790 x 700		200 x 990 x 700		200 x 1,190 x 700
	Weight		kg	18	21	23	27	
	Static Pressure		Pa	5 - 15 - 35 - 50				
Outdoor	Dimensions [H x W x D]		mm	550 x 800 x 285		850 x 840 x 330		
	Weight		kg	33	37	53	53	58
	Breaker Size		A	10		20		
Ext. Piping	Diameter (Gas / Liquid)		mm	9.52 / 6.35		12.7 / 6.35	15.88 / 6.35	15.88 / 9.52
	Max. Length / Height		m	20 / 12		30 / 30		
Guaranteed Operating Range			Cooling	℃	-10 ~ 46	-10 ~ 43		
[Outdoor]	Heating		℃	-15 ~ 24				

\*SEZ-KD VAL is with a wireless remote controller.

†Indoor sound pressure level generally measured at 1.5 metres. For exact details see Technical Data Manual.



# Our advanced control technology means controlling your comfort is easy

## New MA Remote Controller (optional) PAR - 30MAA

Our state of the art Controller allows you to get the most out of your Mitsubishi Electric Air Conditioning System.

### Take Control At Your Fingertips

Total control of your comfort is there at the touch of a button. From temperature control to automatic stop/start on a daily or weekly basis, it's all there at your fingertips.

### Easy To Read Display

Full dot backlit LCD makes it easy to see and control units. The large type in the full dot Liquid Crystal Display allows the status of your system to be viewed at a glance, day or night.

While most remote controls can be confusing our control has been specifically designed to be more user friendly.

The Slimline styling has been designed to fit unobtrusively with any décor.



### Industry First! Multi-language Display

To aid communication today's multicultural society, the control can be switched to 8 different languages.



### Operation Lock

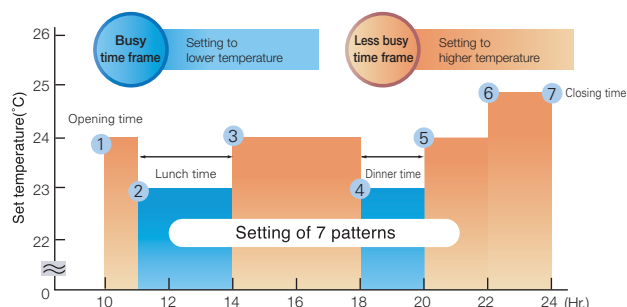
The operation of all buttons on the control can be locked. This stops little children or any unauthorised person changing temperatures or settings that may in turn waste valuable energy and increase running costs.

### Effective Energy Saving Control

#### Limiting the set temperature range

Setting upper and lower temperature limits prevents the unit from excessive heating and cooling, thereby saving energy further and reducing your power bill.

#### Setting Example (Restaurant in summer time)



\*Result of cooperative study with Japan Facility Solution Co., Ltd.

Setting the temperature to "1°C higher in cooling" while "1°C lower in heating" results in about 10% energy saving.

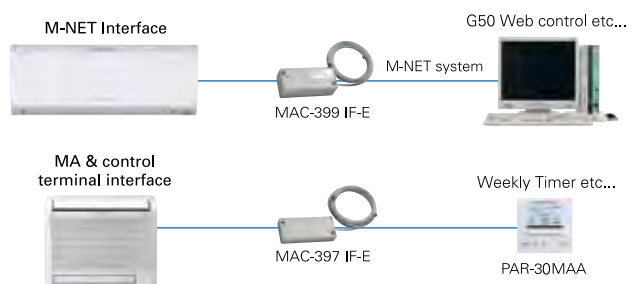
about **10%\***  
Energy Saving

\*Based on our internal calculation

### Weekly Timer

The Weekly Timer allows you to programme the unit with up to 8 different automatic On/Off and Temperature changes per day, 7 days in advance, which means your home or office can be at the optimum temperature whenever required.

### Interface for Extended Control for Inverter M Series



### Centralized On/Off remote controller



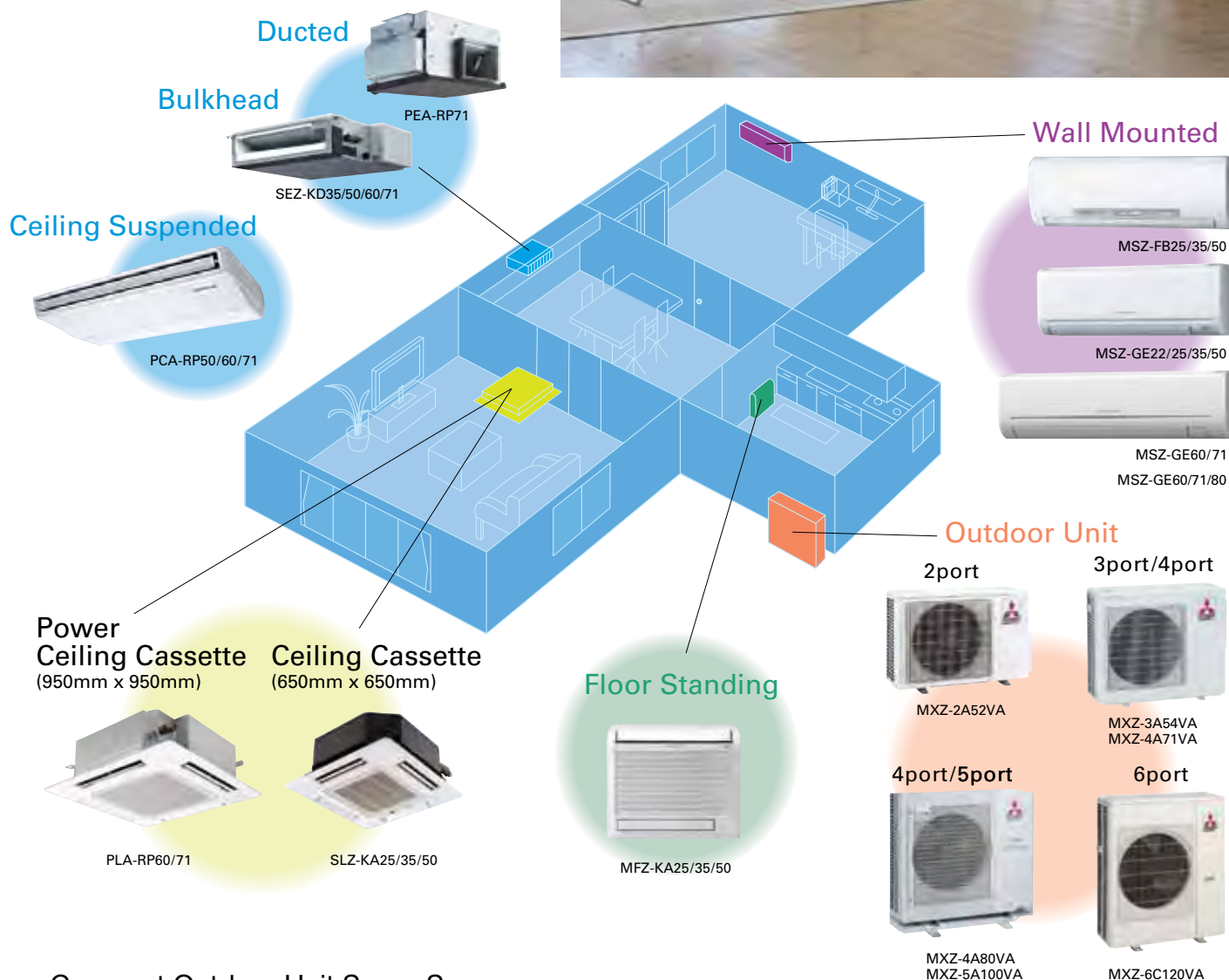
- \* On/Off control only
- \* Up to 8 indoor units can be controlled

MAC-821SC-E (MAC-397 IF-E required)

# MXZ-VA Series

Multiple indoor units can be connected to a single outdoor unit

- Connect from 2 to 6 indoor units
- Choose from many combination patterns
- Energy saving
- Quiet operation
- Compact outdoor unit saves space



## Compact Outdoor Unit Saves Space

MXZ Series can be connected to 2, 3, 4 or 5 indoor units, optimizing use of outdoor space and enhancing exterior aesthetics.

## Select From Wide Range of Stylish Indoor Units

The key to attractive installation and optimum indoor dimension use. Select the ideal indoor units from 26 models in 8 types: wall mounted, console, ducted, ceiling cassette and bulkhead.

	Wall Mounted										Floor Standing			Bulkhead			Ducted	Ceiling Cassette			Ceiling Suspended					
	MSZ-F					MSZ-G					MFZ			SEZ				PEA	SLZ		PLA		PCA			
	25	35	50	22	25	35	50	60	71	25	35	50	25	35	50	60		71	71	25	35	50	60	71	50	60
MXZ-2A52VA	●	●			●	●	●				●	●	●						●	●						
MXZ-3A54VA	●	●	●	●	●	●	●	●			●	●	●	●	●	●			●	●	●			●		
MXZ-4A71VA	●	●	●	●	●	●	●	●			●	●	●	●	●	●			●	●	●	●	●	●	●	●
MXZ-4A80VA	●	●	●	●	●	●	●	●			●	●	●	●	●	●			●	●	●	●	●	●	●	●
MXZ-5A100VA	●	●	●	●	●	●	●	●			●	●	●	●	●	●			●	●	●	●	●	●	●	●
MXZ-6C120VA	●	●	●	●	●	●	●	●			●	●	●	●	●	●			●	●	●	●	●	●	●	●

## Energy Saving with High EER and COP

Thanks to inverter technology, we have realised a higher energy efficiency COP of 4.79 (MXZ-4B71VA in heating) for maximum comfort.

**COP  
4.79**

## Quiet Operation (Silent Mode)\*

With the MXZ outdoor unit, operating noise (outdoor) is just 44dB\* (MXZ-3B54/4B80 in cooling mode). In combination with the MSZ-GE25/35VA, indoor noise can also be reduced to a quiet 19dB.



\*Silent mode needs to be set when installed.

## Advanced Remote Controller

The optional wired remote controller (PAR-30MAA\*) with a weekly timer function enables eight separate pattern settings in a single day. Use the optional Centralised On/Off Controller (MAC-821SC-E\*) to regulate all rooms. On/Off selection and operation status confirmation is possible with a single controller.



PAR-30MAA



MAC-821SC-E

\*Requires optional interface (MAC-397 IF-E)

## Fix Operation Mode

"Fix Operation Mode" can be selected to prevent operating in an erroneous mode. This is especially convenient in places where many people gather, such as in hotels.

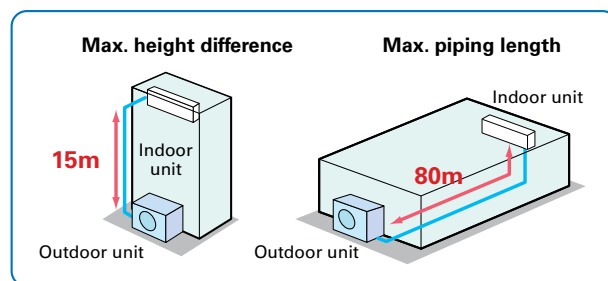
## Operable under Low Outdoor Temperatures

Even when it is as cold as -15°C outside, both heating and cooling operation are possible. Cooling may be suitable in winter for crowded spaces such as in pubs.

## Longer Piping Length

To ease installation work at any site, piping is extendable up to 80 metres\* in total length and 15 metres in height (additional refrigerant charge may be required).

\*MXZ-5B100VA



## MXZ Specifications

Type				Up to 2 indoor units	Up to 3 indoor units	Up to 4 indoor units		Up to 5 indoor units	Up to 6 indoor units	
Model Name				MXZ-2B52VA	MXZ-3B54VA	MXZ-4B71VA	MXZ-4B80VA	MXZ-5B100VA	MXZ-6C120VA	
Power Supply [V, Phase, Hz, Source]				230, Single, 50, Outdoor Power Supply						
Cooling	Capacity	Rated	kW	5.2	5.4	7.1	8.0	10.0	12.0	
		Min. - Max.	kW	1.1 - 6.0	2.9 - 6.8	3.7 - 8.8	3.7 - 9.2	3.9 - 11.0	3.5 - 13.5	
	Power Input [In+Out]		W	1,358	1,256	1,768	2,071	2,910	3,740	
	COP [In+Out]			3.83	4.30	4.02	3.86	3.44	3.21	
	Running Current [In+Out]		A	6.09	5.52	7.76	9.10	12.78	16.4	
	Sound Level [Outdoor]	Silent - High	dB(A)	45 - 49	45 - 47	45 - 48	44 - 46	46 - 51	51- 55	
Air Volume [Outdoor]		ℓ/s	548	702	702	702	943	923		
Heating	Capacity	Rated	kW	6.4	7.0	8.6	9.4	12.0	14.0	
		Min. - Max.	kW	1.0 - 7.0	2.6 - 9.0	3.4 - 10.7	3.4 - 11.6	4.1 - 14.0	3.5 - 16.5	
	Power Input [In+Out]		W	1,656	1,534	1,797	2,022	2,950	3,610	
	COP [In+Out]			3.86	4.56	4.79	4.65	4.07	3.88	
	Running Current [In+Out]		A	7.42	6.74	7.89	8.88	12.96	15.9	
	Sound Level [Outdoor]	Silent - High	dB(A)	48 - 50	48 - 51	48 - 52	46 - 48	47 - 54	53 - 57	
Air Volume [Outdoor]		ℓ/s	555	717	717	730	988	1165		
Outdoor	Dimensions	Height	mm	550	710	710	900	900	1070	
		Width	mm	800	840	840	900	900	900	
		Depth	mm	285	330	330	320	320	320	
	Weight		kg	38	57	58	67	68	88	
Ext. Piping	Diameter	Liquid (φ)	mm <sup>2</sup>	6.35 x 2	6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 5	6.35 x 6	
		Gas (φ)	mm <sup>2</sup>	9.52 x 2	9.52 x 3	9.52 x 3 + 12.7 x 1	9.52 x 3 + 12.7 x 1	9.52 x 4 + 12.7 x 1	9.52 x 5 + 12.7 x 1	
	Max. Length		Total - Each	m	30 - 20	50 - 25	60 - 25	70 - 25	80 - 25	80 - 25
	Max. Height			m	15 / 10*	15 / 10*	15 / 10*	15 / 10*	15 / 10*	15 / 10*
Guaranteed Operating Range [Outdoor]		Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46
		Heating	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

(NOTE) Model name shows rated cooling capacity when max. quantity of indoor units are connected.  
MXZ-5B100VA: 10kW at rated connected with 5 indoor units.

Power input, running current and COP are the figures when connected with below indoor units.

MXZ-2B52VA → MSZ-GE35VA×2

MXZ-3B54VA → MSZ-GE25VA×3

MXZ-4B71VA → MSZ-GE25VA×4

MXZ-4B80VA → MSZ-GE35VA×4

MXZ-5B100VA → MSZ-GE25VA×5

MXZ-6C120VA → MSZ-GE25VA×6

\*If the outdoor unit is installed higher than the indoor unit, max. height is reduced to 10m.

(Rating Conditions) Cooling: Indoor 27°C, D.B./19°C, W.B.  
Outdoor 35°C, D.B.

Heating: Indoor 20°C, D.B./15°C, W.B.  
Outdoor 7°C, D.B./6°C, W.B.

# Features Guide

## Energy Saving



DC Inverter



PAM control



AREA setting



Econo Cool



'I FEEL' Control



i-see Sensor



i save Mode

## Comfort



Ultra Quiet : Only 19dB



Vertical Airflow



Auto Vane



Swing (vertical vane)



Swing (horizontal vane)



Wide & Long Airflow



Powerful Mode

## Fresh Air



Plasma Duo Filter Systems



Nano Platinum Filter



Anti-Allergy Enzyme Filter



Catechin Filter



Anti-Mould Air Cleaning Filter



Air Cleaning Filter



Long Life Filter



Mould Fighter

## Design



Flat Panel



Pure White



Only 200mm in Height



Suitable for 2 x 2 Ceiling (650 x 650mm)



Compact Size

## Convenience



24-hour Timer



i save Mode



Weekly Timer (8 patterns/day x 7 days)



PAR-21MAA Connectable



Centralized On/Off Control



M-NET Connection



Auto Change Over



Auto Restart



Wide Cooling Temperature Range



Low Temperature Cooling



Heating at -15°C is possible

## Installation & Maintenance



Failure Recall Function



Easy Installation with an Installation Plate



Quick Clean Body



Easy & Simple Flare Connection



Long-Length Piping



MXZ Connectable



Self-Diagnosis Function

Products in this brochure contain R410A refrigerant. Please refer to installation instructions before installation or servicing of this product. Only licensed persons and companies qualified and experienced in the installation, service and repair of products containing refrigerants should be permitted to do so. The buyer must ensure that the person and/or company who is to install, service or repair the air conditioner has the necessary licences, qualifications and experience to perform the work. Suitable access for warranty and service is required. Refer to conditions of warranty on the Mitsubishi Electric website.

For future improvement, specifications, designs of product and availability are subject to change without notice. Please check with your dealer.



## Diamond Dealer Call Centre 1300 722 228



Certificate Number  
49385



Certificate Number  
EC97J1132

Mitsubishi Electric Shizuoka Works acquired ISO9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of Quality warranties for the production of air conditioning equipment. The plant also acquired environmental management system standard ISO 14001 certification.



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